

Preparing for 2012

« *With Mayan Calendar ending in 2012, there will be a series of natural disasters, Volcanic Eruptions, Typhoons, GLACIERS... Vote for the leader of the post-2012 World...* » found in www.whowillsurvive2012.com

More seriously, if physics promotes megaton scale detectors* (θ_{13} but also priorities after LHC findings) one should prepare favourable decisions by:

•Exploiting the synergy with Astroparticle Physics:

- Megaton scale detectors and neutrino mass 2 of the 7 magnificent.
- European DS for Beam (Euronu) and sites (LAGUNA) successful paradigm.
- ➔ Should we organize further R&D and a design study for the detector the point of convergence? ASPERA issues yearly common calls. Should the next involve neutrino physics in coordination with CERN (ERANET+?)

•Realising that it is a global scale project

- OECD Global Science Forum currently prepares a “Strategic Vision” for Astroparticle Physics. *According to my view*, megaton scale detectors is a prime candidate for world coordination
- The worldwide neutrino community has to share expertise without sacrificing initial competition (example of LAGUNA, 3 technologies).
- ➔ Should a Megaton-Scale-Detector “Global Design” be started ?

* *Different strategy if an all-accelerator short-term (NOVA /Modular,...) or long term (NF) solution is promoted*